Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	3 November 2022
Team ID	PNT2022TMID09862
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Home	USN-1	As a user, I can view the guide and awareness to use this application.	1	Medium	Anandhaganapathy S Jotheeswaran K Sathish kumar A Shabeer M
Sprint-1		USN-2	As a user, I'm allowed to view the guided video to use the interface of this application.	3	High	Anandhaganapathy S Jotheeswaran K Sathish kumar A Shabeer M

Sprint-1		USN-3	As a user, I can read the instructions to use this application.	2	Low	Anandhaganapathy S Jotheeswaran K Sathish kumar A Shabeer M

Sprint-2	Launch	USN-4	As a user, In this launch page I get to choose the image.	4	High	Anandhaganapathy S Jotheeswaran K Sathish kumar A Shabeer M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Predict	USN-5	As a user, I'm Allowed to upload and choose the image to be uploaded	3	Low	Anandhaganapathy S Jotheeswaran K Sathish kumar A Shabeer M
Sprint-3		USN-6	As a user, I will train and test the input to get the maximum accuracy of output.	4	High	Anandhaganapathy S Jotheeswaran K Sathish kumar A Shabeer M
Sprint-3		USN-7	As a user, I can access the data set	2	Medium	Anandhaganapathy S Jotheeswaran K Sathish kumar A Shabeer M

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	31Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-2	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-3	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-4	20	6 Days	21Nov 2022	26 Nov 2022	20	26 Nov 2022

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Sprints	OCT 23	24	25	26	27	28	29	30	31	NOV 1	2	3	4	5	6	7	8	9	NOV 10	11	12	13	14	15	16	NOV 17	18	19	20	21
	BMHDR1 Sprint 1									BMHDR1 Sprint 2						BMHDR1 Sprint 3							BMHDR1 Sprint 4							
▸ ■ BMHDR1-1 Dashboard	███████████																													
▸ ■ BMHDR1-2 Launch	███████████																													
▸ ■ BMHDR1-3 Upload										███████████																			
▸ ■ BMHDR1-4 Predict																███████████														
▸ ■ BMHDR1-5 Display																							███████████						